

# Isao Watanabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9442393/publications.pdf>

Version: 2024-02-01

15  
papers

875  
citations

1040056

9  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1328  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Coexistence of static magnetism and superconductivity in $\text{SmFeAsO}_{1-x}\text{F}_x$ as revealed by muon spin rotation. <i>Nature Materials</i> , 2009, 8, 310-314.  | 27.5 | 263       |
| 2  | Magnetic and non-magnetic phases of a quantum spin liquid. <i>Nature</i> , 2011, 471, 612-616.  | 27.8 | 155       |
| 3  | Li Diffusion in $\text{LiCoO}_2$ by Muon-Spin Spectroscopy. <i>Physical Review Letters</i> , 2009, 103, 147601.   | 29   | 29        |
| 4  | The RIKEN-RAL pulsed Muon Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 465, 365-383.  | 1.6  | 107       |
| 5  | Muon spin relaxation and magnetic susceptibility studies of the effects of nonmagnetic impurities on the Cu spin dynamics and superconductivity in $\text{La}_{2-x}\text{Sr}_x\text{Cu}_1-y\text{Zn}_y\text{O}_4$ around $x=0.115$ . <i>Physical Review B</i> , 2004, 69, . | 3.2  | 71        |
| 6  | Playing quantum hide-and-seek with the muon: localizing muon stopping sites. <i>Physica Scripta</i> , 2013, 88, 068510.   | 2.5  | 67        |
| 7  | Muon spin spectroscopy. <i>Nature Reviews Methods Primers</i> , 2022, 2, .  | 21.2 | 42        |
| 8  | High-temperature short-range order in $\text{Mn}_3\text{RhSi}$ . <i>Communications Materials</i> , 2020, 1, .   | 6.9  | 13        |
| 9  | Development of a gas-pressurized high-pressure $^1\text{H}$ SR setup at the RIKEN-RAL Muon Facility. <i>Physica B: Condensed Matter</i> , 2009, 404, 993-995.   | 2.7  | 12        |
| 10 | Quantum disordered state in the $\text{J}_1\text{-J}_2$ square-lattice antiferromagnet  |      |           |